

Datasheet for ABIN7548188

GSTM5 Protein (AA 1-218) (His tag)



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Overview

Quantity:	1 mg
Target:	GSTM5
Protein Characteristics:	AA 1-218
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GSTM5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat GSTM5 Protein expressed in mammalian cells.
Sequence:	<p>MPMTLGYWDI RGLAHAIRLL LEYTDSSYVE KKYTLGDAPD YDRSQWLNEK FKLGLDFPNL PYLIDGAHKI TQSNAILRYI ARKHNLGGET EEEKIRVDIL ENQVMDNHME LVRLCYDPDF EKLKPKYLEE LPEKLKLYSE FLGKRPWFAG DKITFVDFLA YDVLDMKRIF EPKCLDAFLN LKDFISRFEG LKKISAYMKS SQFLRGLLFG KSATWNSK Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: GSTM5

Alternative Name: GSTM5 ([GSTM5 Products](#))

Background: Glutathione S-transferase Mu 5 (EC 2.5.1.18) (GST class-mu 5) (GSTM5-5),FUNCTION: Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. {ECO:0000269|PubMed:10587441}.

Molecular Weight: 25.7 kDa

UniProt: [P46439](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Handling

Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months